

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS

NAME: US Department of Interior Bureau of Reclamation
ADDRESS: 826 E FRONT STREET, SUITE A
PORT ANGELES, WA. 98362-3613
FACILITY: ELWHA WATER TREATMENT PLANT
LOCATION: Elwha River/ Lat: 48°10'10"N./Long:123°33'7"W
ATTN: DAVID F ADKINS, USBR CIVIL ENG

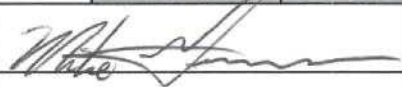
WA-0026662
PERMIT NUMBER

*001 A
DISCHARGE NUMBER

Minor (SUBR SW) F-Final
Slurry Discharge Effluent
Sedimentation Plant
(non-wastewater)

NOV 12 2015

MONITORING PERIOD							
From	Year	Mo	Day	To	Year	Mo	Day
	2015	10	1		2015	10	31

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		Average Monthly	Maximum Daily	UNITS	Minimum	Average Monthly	Maximum Daily	UNITS				
Water Temperature Effluent 00010 1 0	Sample Measurement	*****	*****		*****	10.4	10.8		0	Daily	Grab	
	Permit Requirement	*****	*****		*****	MON AVE	DAILY MAX	Deg. C	*****	5/Week	Grab	
Water Temperature Influent 00010 7 0 Intake Stream	Sample Measurement	*****	*****		*****	10.1	12.1		0	Daily	Grab	
	Permit Requirement	*****	*****		*****	MON AVE	DAILY MAX	Deg. C	*****	5/Week	Grab	
Flow Rate Effluent 00056 1 0 0 Effluent Gross	Sample Measurement	0.8	19.7		*****	*****	*****		0	Continuous	Recording	
	Permit Requirement	MON AVE	DAILY MAX	CFS	*****	*****	*****		*****	Continuous	Recording	
Flow Rate Influent 00056 7 0 Intake From Stream	Sample Measurement	2.2	36.4		*****	*****	*****		0	Continuous	Recording	
	Permit Requirement	MON AVE	DAILY MAX	CFS	*****	*****	*****		*****	Continuous	Recording	
Turbidity Influent 00070 7 0 Intake From Stream	Sample Measurement	*****	*****		*****	20.7	437.0		0	Continuous	recording	
	Permit Requirement	*****	*****		*****	MON AVE	DAILY MAX	NTU	*****	Continuous	Recording	
Total Suspended Solids Daily Average Influent Turbidity > 50 NTU Influent 00150 P 0 See Comments Below	Sample Measurement	253,107	494,000		*****	1319.4	2520.0		0	Daily	24-Hr Composite	
	Permit Requirement	MON AVE	DAILY MAX	Lb/Day	*****	MON AVE	DAILY MAX	mg/L	*****	Daily	24-Hr Composite	
Dissolved Oxygen Influent 00300 7 0	Sample Measurement	*****	*****		*****	11.6	11.8		0	Daily	Grab	
	Permit Requirement	*****	*****		*****	MON AVE	DAILY MAX	mg/L	*****	1/Month	Grab	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.						TELEPHONE		DATE		
Mike Greene, Veolia EWF Project Manager						503		582-9655	2015	11	5	
TYPED OR PRINTED						Area Code		Number	Year	Mo	Day	
Mike Greene												

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) 0 = Daily Avg. Influent From River Turbidity >50 NTU; P = Daily Avg. From River Turbidity <50

The Elwha Water plant was run on a limited basis 5 days in october. The effluent valves were opened intertently with very limited flows; No continuous 24 hour discharges.

11/13/15 JN

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Sedimentation Plant
(non-wastewater)

NOV 12 2015

PARAMETER		QUANTITY OR LOADING			Minimum	QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		Average Monthly	Maximum Daily	UNITS		Average Monthly	Maximum Daily	UNITS			
BOD, 5-Day Effluent 00310 1 0	Sample Measurement	*****	*****		*****	3.4	3.4	mg/L	0	1/ Month	Comp
	Permit Requirement	*****	*****		*****	MON AVE	DAILY MAX		*****	1/ Month	24- Hr Composite
PH Effluent 00400 1 0	Sample Measurement	*****	*****		*****	7.4	7.7	SU	0	Daily	Grab
	Permit Requirement	*****	*****		*****	6.5 - 8.5	8.5		*****	5/Week	Grab
PH Influent 00400 7 0	Sample Measurement	*****	*****		*****	7.8	8.1	SU	0	Daily	Grab
	Permit Requirement	*****	*****		*****	MON AVE	DAILY MAX		*****	5/Week	Grab
Total Alkalinity (As CAC03) Effluent 00410 1 0 0	Sample Measurement	*****	*****		*****	35.0	45.0	mg/L as CaCO ₃	0	Daily	Comp
	Permit Requirement	*****	*****		*****	MON AVE	DAILY MAX		*****	1/Month	24-Hr Comp
Total Solids Suspended Effluent 00530 0 0 0 Daily Average Influent Turbidity > 50 NTU See Comments Below	Sample Measurement	294,020	560,993		*****	3,299	5,284	mg/L	0	Daily	24-Hr Comp
	Permit Requirement	3,023,851	5,967,400	Lb/Day	*****	MON AVE	DAILY MAX		*****	Daily	24- Hr Composite
Total Suspended Solids Effluent 00530 P 0 Daily Average Influent Turbidity < 50 NTU See Comments Below	Sample Measurement	1	1		*****	96	156		0	Daily	Comp
	Permit Requirement	MON AVE	22	#/CFS River	*****	MON AVE	DAILY MAX	mg/L	*****	Daily	24- Hr Composite
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Mike Greene, Veolia EWF Project Manager		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.				TELEPHONE		DATE			
TYPED OR PRINTED Mike Greene						503	582-9655	2015	11	5	
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				AREA Code	NUMBER	Year	Mo	Day	

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Sedimentation Plant
(non-wastewater)

NOV 12 2015

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		Average Monthly	Maximum Daily	UNITS	Minimum	Average Monthly	Maximum Daily	UNITS			
Total Suspended Solids Influent 00530 7 0 Daily Average Influent Turbidity < 50 NTU See Comments Below	Sample Measurement	0.2	0.3	Lb/CFS River	*****	17	22	mg/L	0	Daily	Comp
	Permit Requirement	Report	Report		*****	MON AVE	DAILY MAX		*****	Daily	24-Hr Composite
Settleable Solids Effluent 00545 1 0	Sample Measurement	*****	*****		*****	27.0	27.0	ml/L	0	1/Month	Comp
	Permit Requirement	*****	*****		*****	MON AVE	DAILY MAX		*****	1/Month	24-Hr Composite
Settleable Solids Influent 00545 7 0	Sample Measurement	*****	*****		*****	0	0	ml/L	0	1/Month	Comp
	Permit Requirement	*****	*****		*****	MON AVE	DAILY MAX		*****	1/Month	24-Hr Composite
Aluminum, Total (As AL) Effluent 01105 1 0	Sample Measurement	1.0	1.0	lb/Day	*****	#DIV/0!	0	mg/L	0	1/Month	Comp
	Permit Requirement	Report	Report		*****	MON AVE	DAILY MAX		*****	1/Month	24-Hr Composite
Aluminum, Total (As AL) Influent 01105 7 0	Sample Measurement	1.0	1.0	lb/Day	*****	#DIV/0!	0.0	mg/L	0	1/Month	Comp
	Permit Requirement	MON AVE	DAILY MAX		*****	MON AVE	DAILY MAX		*****	1/Month	24-Hr Composite
Fecal Coliform Effluent 31625 1 0	Sample Measurement	*****	*****		*****	6	6		0	10/ Month	Grab
	Permit Requirement	*****	*****		*****	MON AVE	DAILY MAX	#/100 ML	*****	10/ Month	Grab
Fecal Coliform Influent 31625 7 0	Sample Measurement	*****	*****		*****	7	7		0	10/ Month	Grab
	Permit Requirement	*****	*****		*****	MON AVE	DAILY MAX	#/100 ML	*****	10/ Month	Grab
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From			Year	Mo	Day	To		
			2015	10	1			
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Sedimentation Plant
(non-wastewater)

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE				
		Average Monthly	Maximum Daily	UNITS	Minimum	Average Monthly	Maximum Daily	UNITS							
Total Dissolved Solids Effluent 70295 1 0	Sample Measurement	*****	*****		*****	142.0	142.0	mg/L	0	1/Month	Comp				
	Permit Requirement	*****	*****		*****	MON AVE	DAILY MAX		*****	1/Month	24-Hr Composite				
Total Dissolved Solids Influent 70295 7 0 Intake from River	Sample Measurement	*****	*****		*****	29.0	29.0	mg/L	0	1/Month	Comp				
	Permit Requirement	*****	*****		*****	MON AVE	DAILY MAX		*****	1/Month	24-Hr Composite				
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Mike Greene, Veolia EWF Project Manager						503		582-9655		2015		11		5	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				AREA Code		NUMBER		Year		Mo		Day	
Mike Greene															


COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NOV 12 2015

ELWHA_October- 2015 - WA-002666-2
INFLUENT TURBIDITY ABOVE 50 NTU

U.S. EPA Method 19

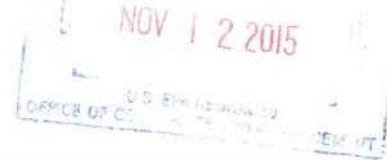
Day	Influent Turbidity - 13	Flow, Daily, Influent Calc		flow/daily, at outfall 3078	flow/daily at outfall cal	River Flow - 1	TSS Influent - 8	TSS Influent Mass_Calc	TSS Effluent 5002	TSS Effluent Mass_Calc	Mass NTE Limit_calc
	NTU	MGD	CFS	MGD	CFS	CFS	mg/L	Lbs/Day	mg/L	Lbs/Day	lbs/day
10/11/2015	437	12.33	19.08	2.5	3.82	1210.0	118.8	12,214	1313.0	27,048	80,303
10/31/2015	64.3	23.51	36.37	12.7	19.70	4170.0	2520.0	494,000	5284.0	560,993	5,967,400
DAILY MAX	437.0	23.5	36.4	12.7	19.7	4,170.0	2,520.0	493,999.9	5,284.0	560,992.8	5,967,399.7
AVERAGE	250.7	17.9	27.7	7.6	11.8	2,690.0	1,319.4	253,107.2	3,298.5	294,020.2	3,023,851.3

Mike Greene

 11/9/15



November 9, 2015

US EPA Region 10
Director, Office of Compliance & Enforcement
1200 Sixth Avenue, OCE-133
Seattle, Washington 98101



**RE: NPDES # WA-002666-2, MONTHLY REPORT-OCTOBER, 2015- ELWHA
WATER TREATMENT PLANT**

Attn: PCS Data Entry Team

Enclosed is the monthly Discharge Monitoring Report (DMR) for the Elwha Water Treatment Plant (Port Angeles, WA) for the month of October, 2015. The report is submitted by Veolia Water North America (VWNA) Operating Services on behalf of the US Department of Interior, Bureau of Reclamation. A copy of the report has been submitted to the Washington DOE.

For the month of October, the Elwha Water Treatment Facility was operated on an intermittent basis.

Please contact me if there are any questions or comments regarding the monthly report.

Sincerely,

A handwritten signature in black ink, appearing to read 'Michael S. Greene'.

Michael S Greene
EWF_Veolia Project Manager

CC: Tracy Gilchrist, NPS
Sephora Harman, VNA

Enclosures: DMR, EPA Form 3320-1 (4 pages)
Data Sheet for Turbidity > 50 NTU